

In the Specification

Please replace the second paragraph on page 3, lines 6-16 with the following:

Substrate 120 typically has metal alignment mark 140 to provide for alignment of stampers 110 with substrate 120. Molds 145 for the optics in stampers 110 may be made larger than the desired optics to allow for the shrinkage in optically curable polymer 115 (see FIG. 1b) when cured. The use of molded polymer optics is typically less expensive than molding or etching lenses from inorganic materials such as glass. Optically curable polymer 115 may be a UV curable polymer such as J91® or SK-9® available from Summers Labs or ~~Norland~~ NORLAND 61® available from Norland. Use of green initiators such as titanocene dichloride or blue initiators such as camphotoquinone, for example, allow curing under green or blue light conditions. With the use of the appropriate initiators curing can be shifted to different parts of the optical spectrum as desired.

Please replace the last paragraph on page 5, lines 22-25 with the following:

FIG. 1d shows the configuration for making optical elements on both sides of substrate 120 in accordance with the invention. The process described above is repeated with bonded stamper ~~110~~ 111 and substrate 120 serving as a substrate to make additional optical elements.

Please replace the first full paragraph on page 7, lines 10-13 with the following:

FIGs. 2a-2d show stamper fabrication in accordance with the invention. FIG. 2a shows stamper blank 210. Stamper blank 210 is a flat substrate which provides

mechanical support for ~~molding~~ optically curable polymer 215. In accordance with the invention, stamper blank 210 is typically made of a material transparent to light.

Please replace the second full paragraph on page 7, lines 14-18 with the following:

Stamper blank ~~215~~ 210 may be patterned with dicing marks 230. In this embodiment, locally dispensed optically curable polymer 215 will tend to pool between dicing marks 230 on the surface of stamper blank 210 as shown in FIG. 2a. Another method of patterning stamper blank 210 in accordance with the invention involves scribing the surface.